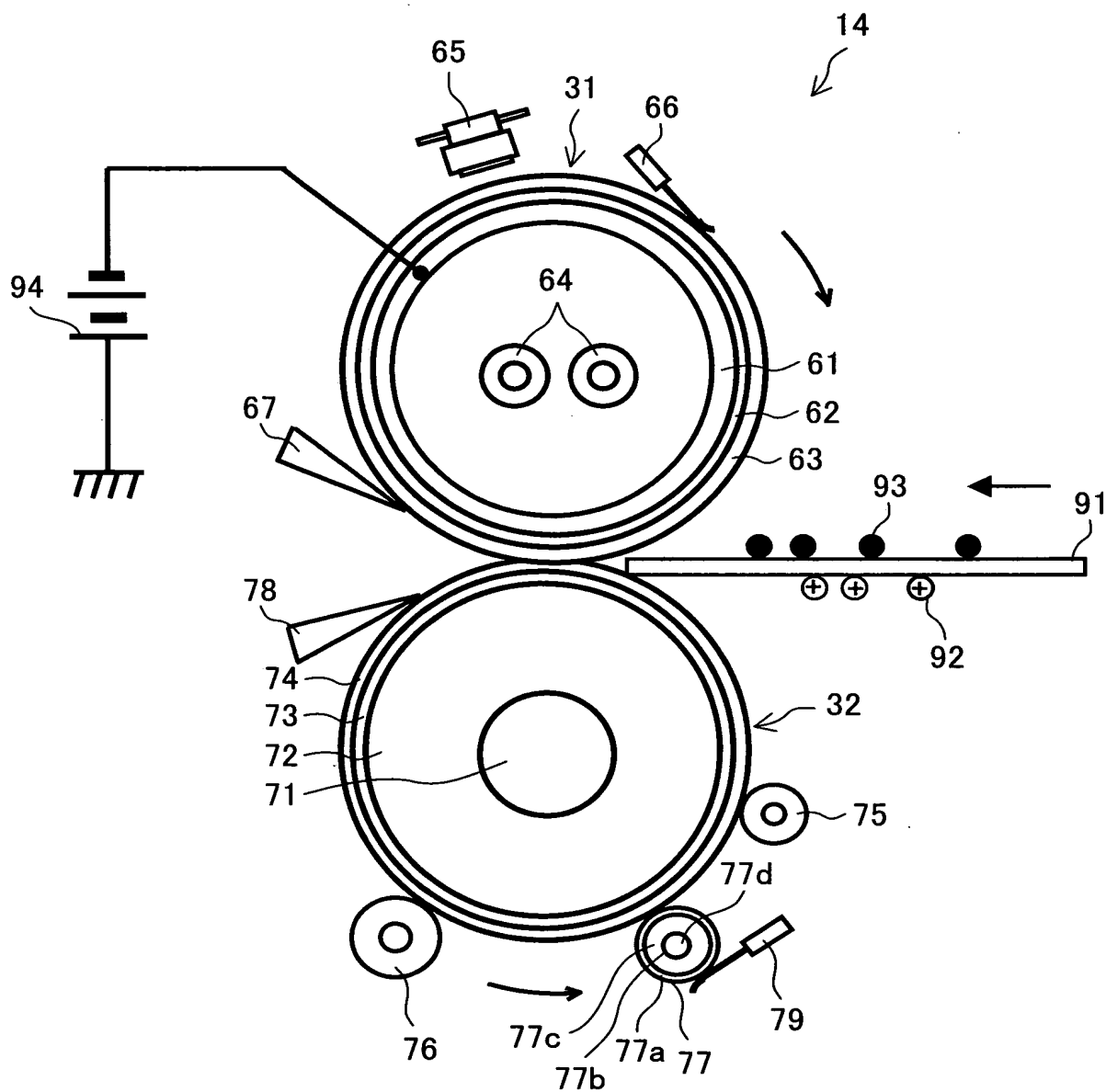
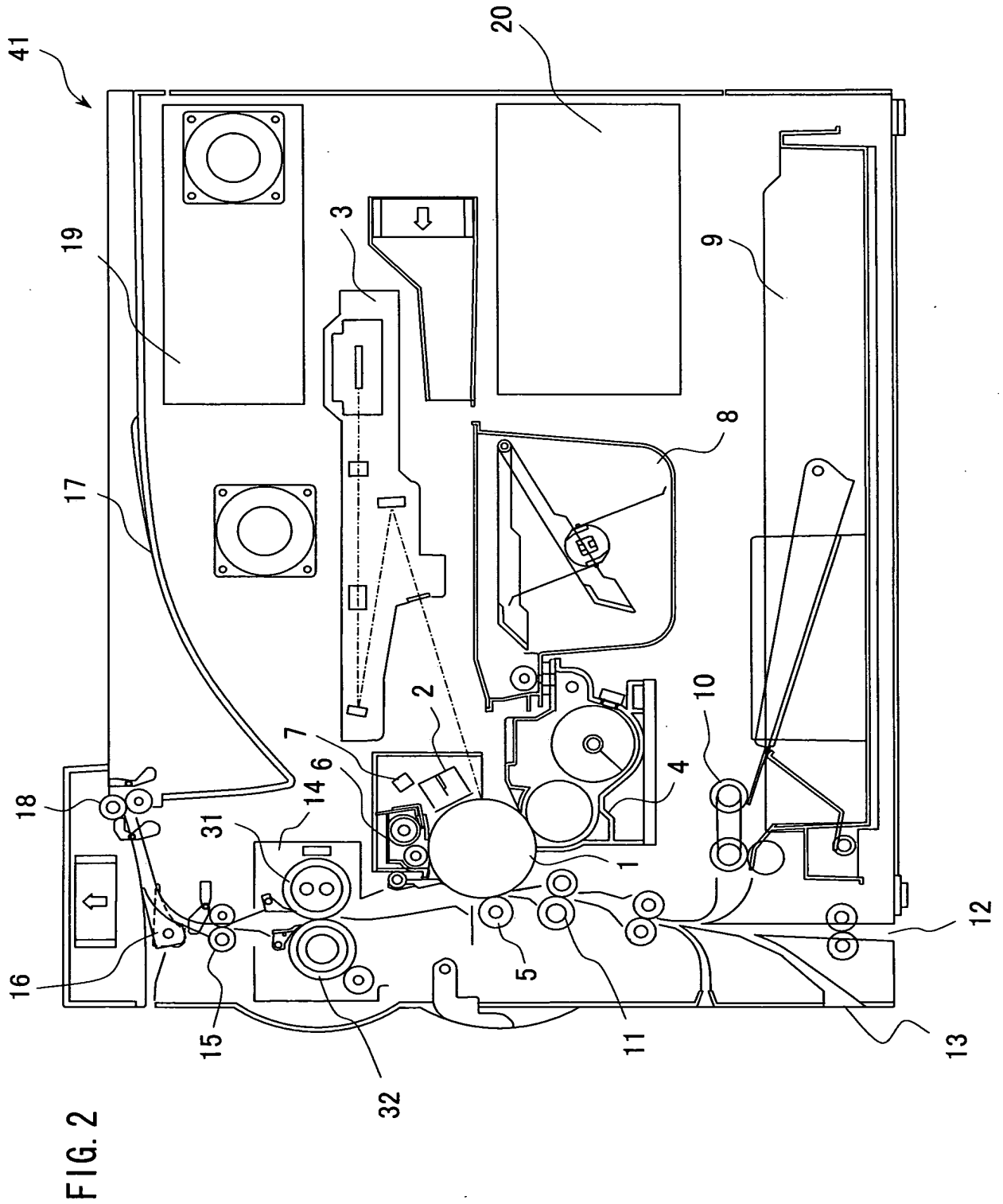


FIG. 1





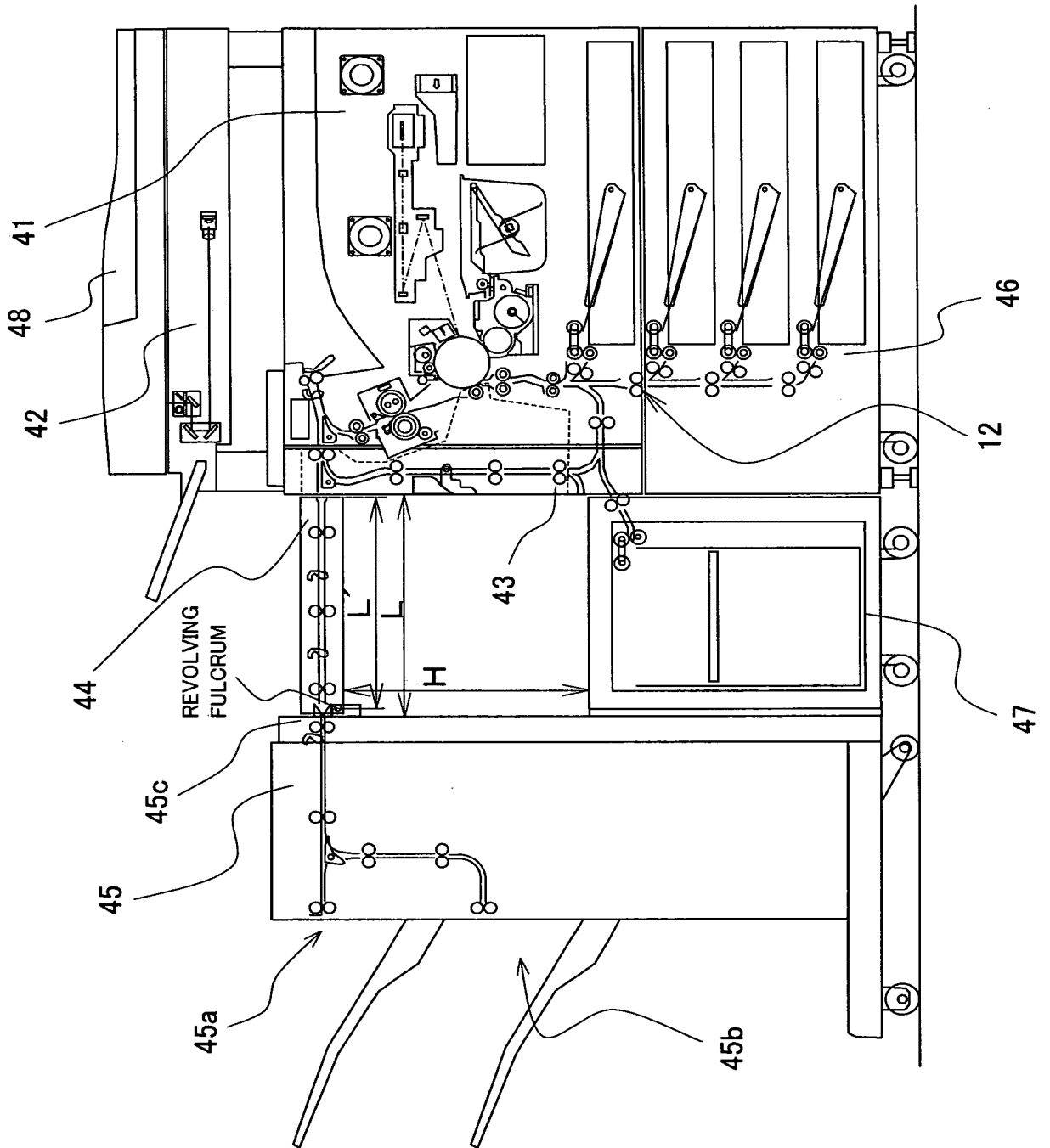


FIG. 3

FIG. 4

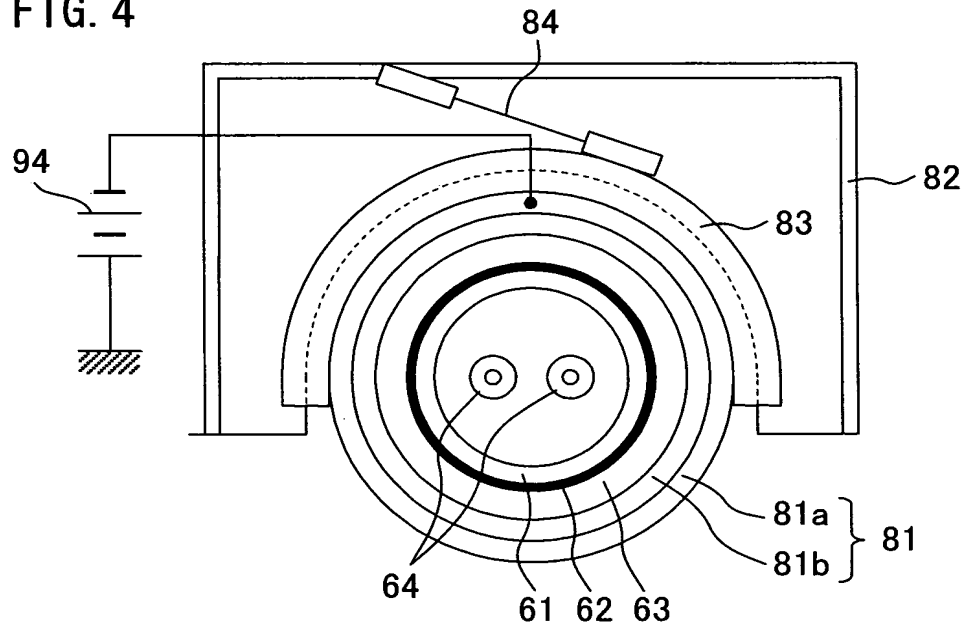


FIG. 5

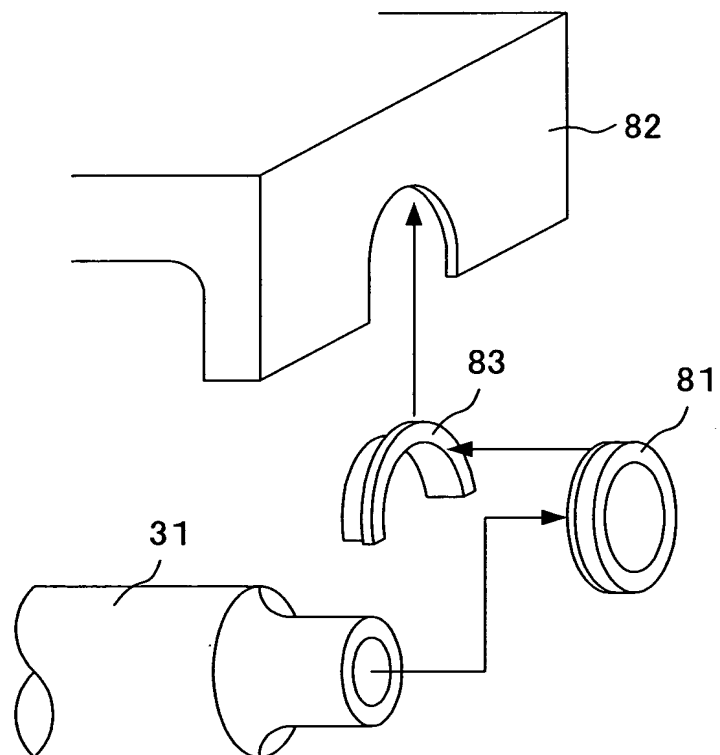


FIG. 6

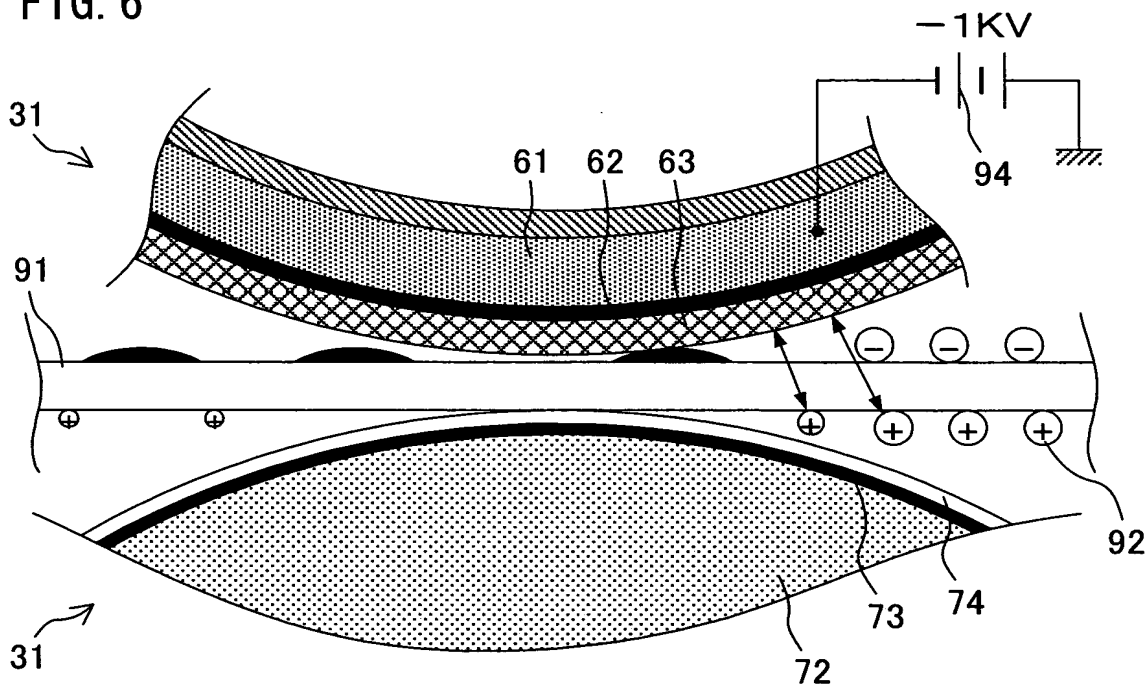


FIG. 7

VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) OF SURFACE INSULATING LAYER OF FIXING ROLLER	VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) OF SURFACE RESISTIVE LAYER OF PRESSURE ROLLER	POLARITY OF REVERSE POLARITY TONER	FIXING BIAS VOLTAGE (V)	DEGREE OF CONTAMINATION (O, $\Delta$ , $\times$ )
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-500	$\Delta$
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-1000	O
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-1500	O
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-2000	—
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	+500	$\times$
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^7 \Omega \cdot \text{cm}$	+	-500	O
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^7 \Omega \cdot \text{cm}$	+	-1000	O
$10^{10} \sim 10^{12} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-500	$\times$

O: SLIGHTLY CONTAMINATED

 $\Delta$ : MODERATELY CONTAMINATED $\times$ : TERRIBLY CONTAMINATED

FIG. 8

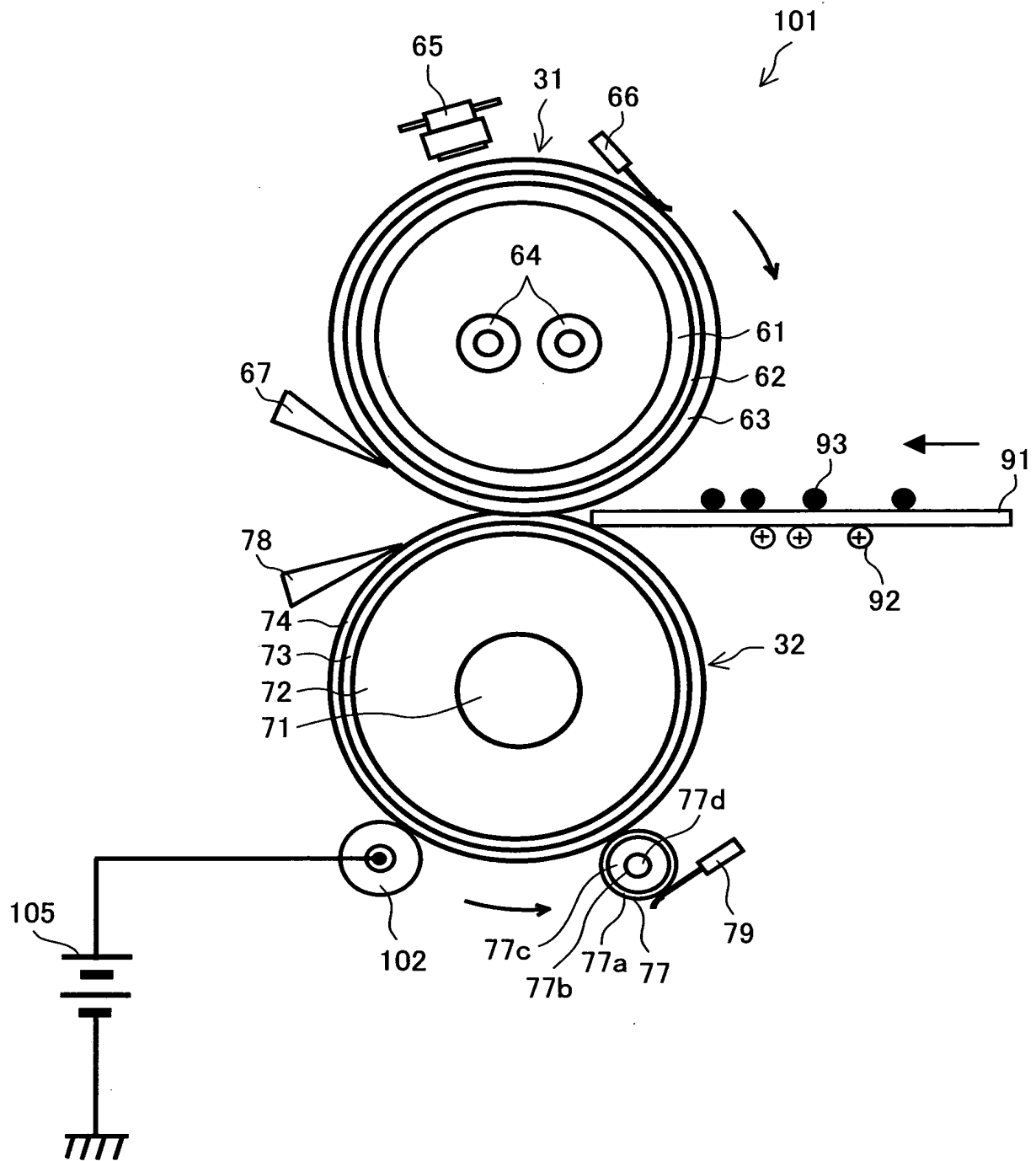


FIG. 9

VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) OF SURFACE INSULATING LAYER OF FIXING ROLLER	VOLUME RESISTIVITY ( $\Omega \cdot \text{cm}$ ) OF SURFACE RESISTIVE LAYER OF PRESSURE ROLLER	POLARITY OF REVERSE POLARITY TONER	FIRST FIXING BIAS VOLTAGE (V)	SECOND FIXING BIAS VOLTAGE (V)	DEGREE OF CONTAMINATION (O, $\Delta$ , x)
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-1000	0	$\Delta$
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-1000	+500	O
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{17} \Omega \cdot \text{cm}$	+	-1000	+1000	O
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{17} \Omega \cdot \text{cm}$	+	-1000	+1000	$\Delta$
$10^{17} \sim 10^{19} \Omega \cdot \text{cm}$	$10^{17} \Omega \cdot \text{cm}$	+	-1000	+1600	O
$10^{10} \sim 10^{12} \Omega \cdot \text{cm}$	$10^{12} \Omega \cdot \text{cm}$	+	-1000	+1000	$\Delta$
$10^{10} \sim 10^{12} \Omega \cdot \text{cm}$	$10^7 \Omega \cdot \text{cm}$	+	-1000	+1000	x

O : SLIGHTLY CONTAMINATED

 $\Delta$  : MODERATELY CONTAMINATED

x : TERRIBLY CONTAMINATED

FIG. 10

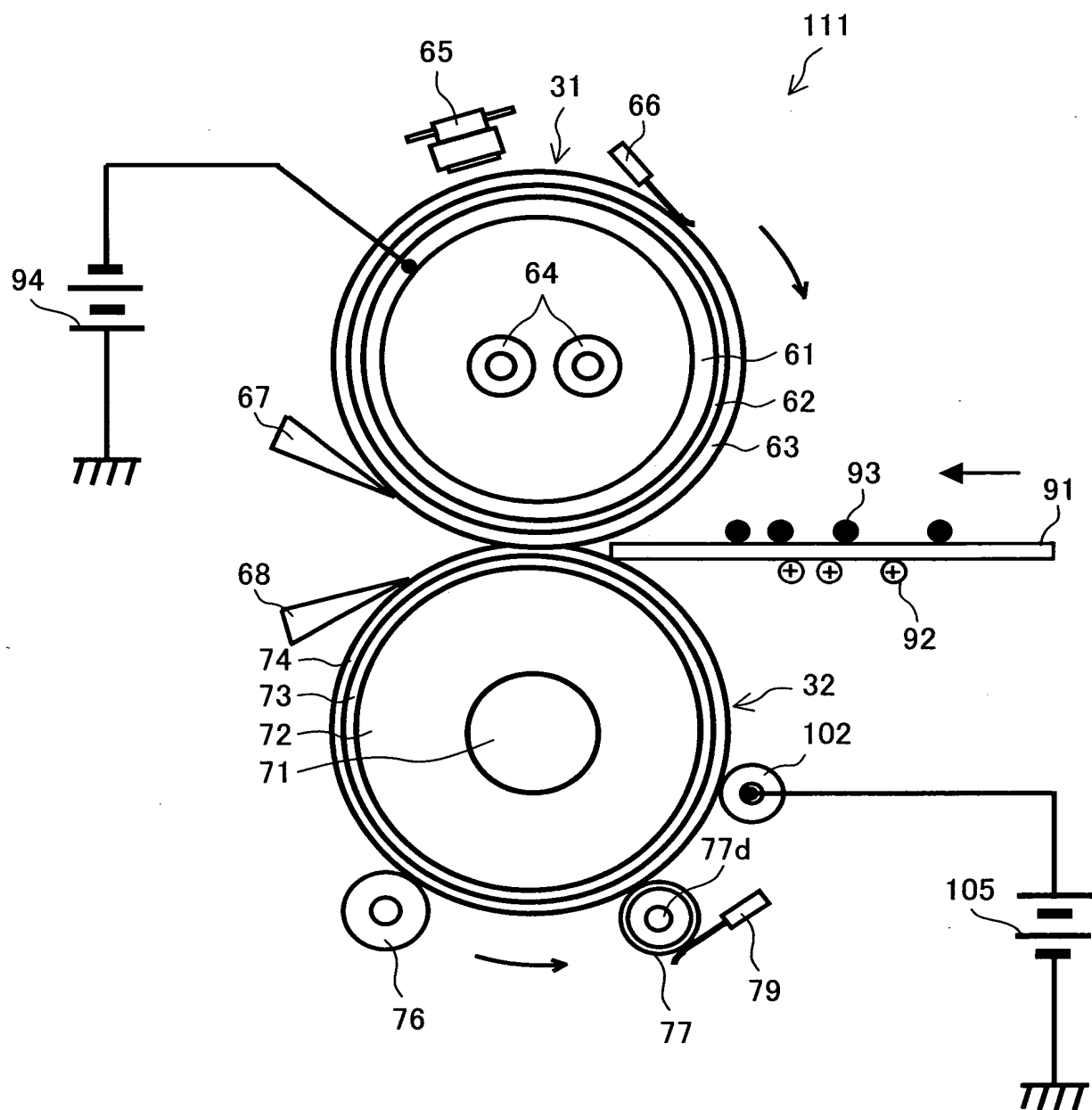


FIG. 11

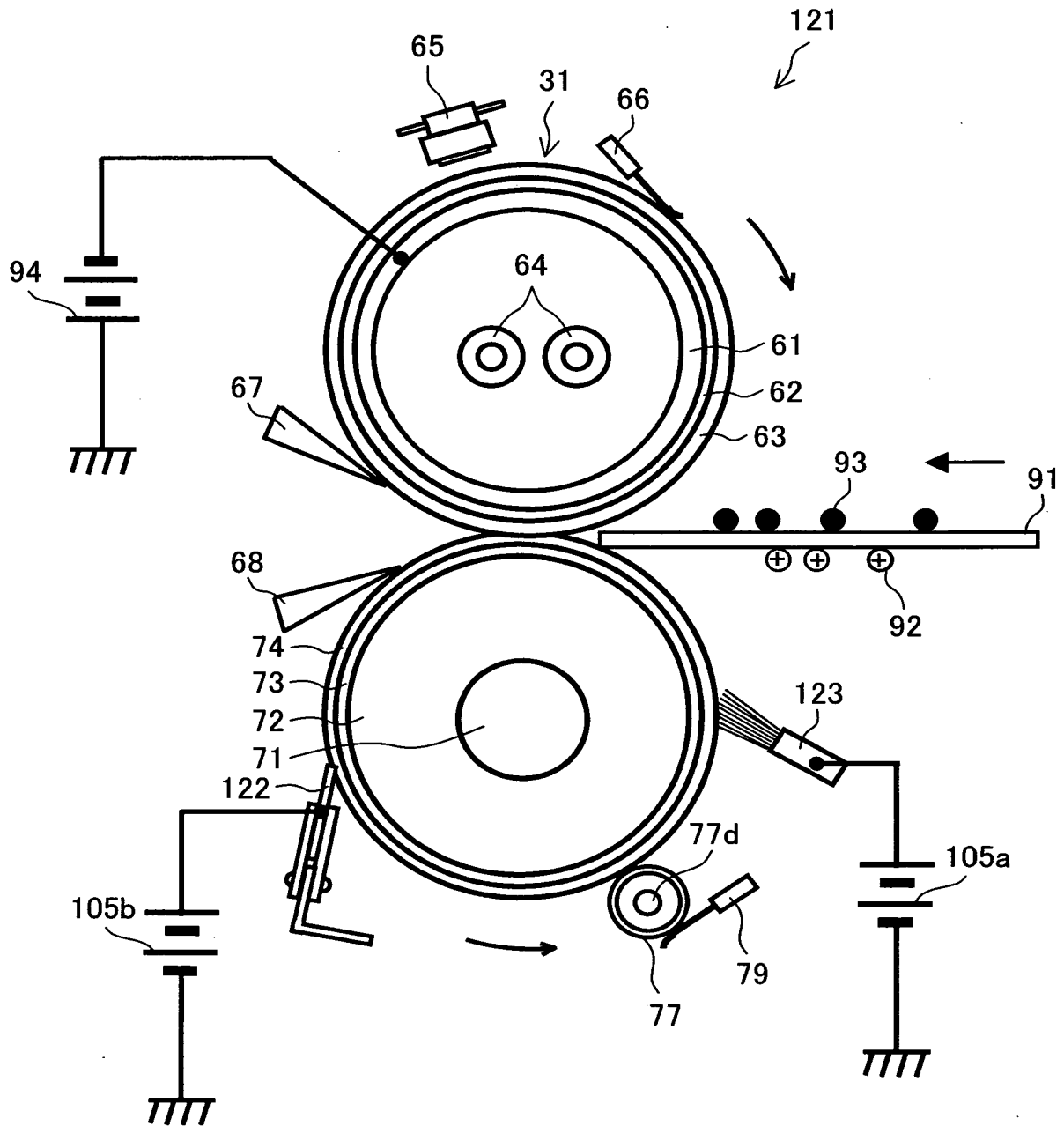


FIG. 12

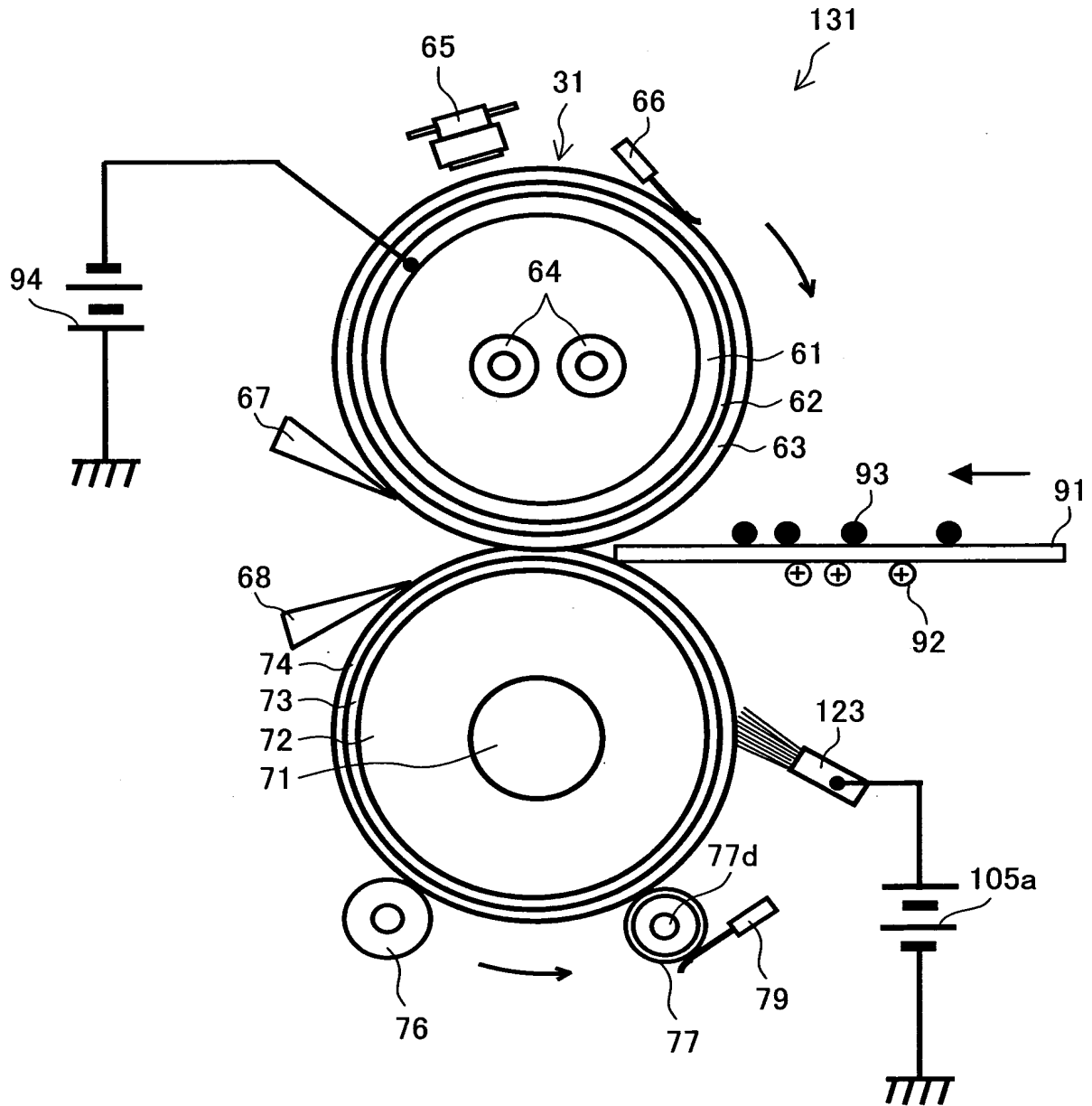
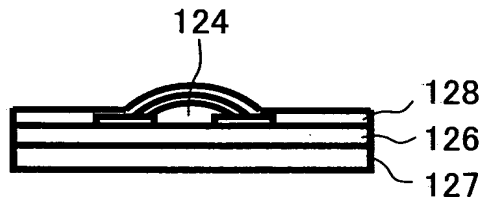


FIG. 13(a)



HEAT-RECEIVING SURFACE  
(SURFACE WHICH IS IN CONTACT WITH ROLLER)

FIG. 13(b)

